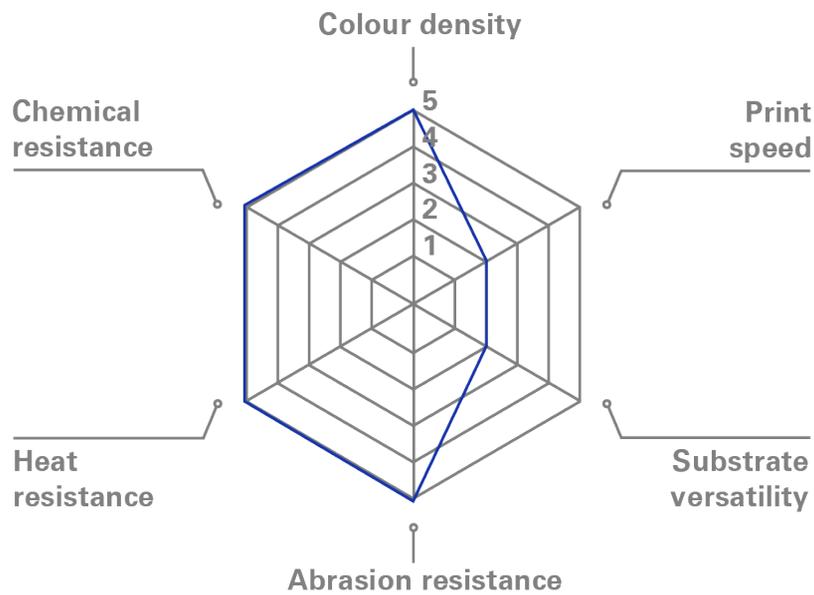


✓ R510HF

Ultra durable flat-head resin ribbon

Print with Confidence! Deliver highly durable & reliable thermal prints

- **Unyielding Endurance:** Retains quality prints in extreme environmental conditions - R510HF withstands.
- **Superior Barcode Quality:** Crisp, dense data for reliable traceability in harsh environments - R510HF delivers.
- **Unwavering Heat Resistance:** Achieve prints that endure temperatures up to 250 Celsius - R510HF endures.



Recommended industries

Minimise risks in printing codes and product information. Discover industries where this Thermal Transfer Ribbon is recommended to use.

Pharma & Healthcare	Food & Beverage	Automotive	Chemicals	Health & Beauty
X		X	X	X

Inventory & Logistics	Electronics	Outdoors	Horticulture	Textile
X	X	X	X	

Compliance overview

Secure industry compliant Thermal Transfer Ribbons. Discover which types of regulations and industry standards this Thermal Transfer Ribbon is approved for.

REACH	ISEGA	RoHS	UL	Halogen-free	GHS/BS5609
X	X	X	X	X	

Performance on common substrates

Discover how this Thermal Transfer Ribbon performs on the most common substrate types.

Scan this QR code for our Product Reference Guide about recommended substrates.



Paper

Vellum	1/5 - Low performance
Uncoated paper	0/5 - Not recommended
Coated paper	1/5 - Low performance

Synthetics

PP	5/5 - Superb performance
PE	5/5 - Superb performance
PET	5/5 - Superb performance

Technical product information

Total thickness:	7.5 ± 0.5 micron
Base film thickness:	4.8 ± 0.3 micron
Ink thickness:	2.7 ± 0.2 micron
Ink type:	Resin
Ink colour:	Black
Printer type:	Flat-head
Back-coating:	Anti-static
Print speed up to:	6 IPS
Print sensitivity:	2/5 - Moderate
Ribbon length up to:	1200m

Store between 5-35°C, 20-80% relative humidity, keep away from heat and direct sunlight.

Thermal Transfer Ribbons that deliver variable print excellence

All DNP ribbons are designed to consistently deliver high-quality variable print. DNP's Thermal Transfer Ribbons have unique formulations and their own performance specialties.



28/08/2023

The information on this data sheet was obtained in DNP laboratories and is subject to change without notification. Please note that measured values may vary slightly when tested in a different environment.

DNP Imagingcomm Europe B.V.
Oudeweg 42
2031CC, Haarlem
Netherlands

sales.emea@dnp-g.com
dnpribbons.com
+31 23 553 3060

Learn more!

